**NAME: Srikar Bajjuri**

**Power BI Exercise**

To perform the task given I have followed the below steps and implemented to achieve the requirements specified;

Key Words to know: [

Step 1: From the link of dataset given, I have downloaded the file as .xlsx file to support Power BI platform

Data source link given; <https://docs.google.com/spreadsheets/d/1KagwoQLy1quKvT_82amuS-x3UnsoIX4J6p02ewbjQNA/edit?usp=sharing>

Step 2: We have loaded the dataset, now pre-dominantly if we are accurately familiar with the data in our file and if we have an idea of what Key Performance Indicators (KPIs) we going to visualize we can drop the columns which are not necessary, for example; the Postal Code column and other few ID columns are not required so we can drop them, but as I am not the curator of the dataset, I would keep all the columns as it is.

Note: If we drop columns that are not required, we can decrease the load on the Power BI processing.

Step 3: Next, we will have to identify all the KPIs which we are going to visualize and create the dashboard with, in this exercise we have already been provided with the KPIs by the company in the task instructions.

**KPIs: Key Metrics:**

Display the following key metrics:

* Total Sales Revenue
* Sales by Product Category
* Top Selling Products
* Sales Trend Over Time
* Monthly Sales Comparison

Step 4: In this exercise I will be creating 5 pages for each KPI, and a cumulative dashboard page including a few main visualizations from each KPI dashboard to make it concise in one page.

To implement the whole KPIs I have used multiple charts and visualizations;

In the main cumulative dashboard I have used one or two visualization from each KPI dashboard